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UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. MSC-22859-2-CU

First Inventor or Application Identifier Thomas J. Goodwin

Title Production of Functional Proteins: Balance of Shear Stress and Gravity

Express Mail Label No. EF775095805US

APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents.ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☐ * Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages 35]
(preferred arrangement set forth below)
- Descriptive title of the invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the invention
 - Brief Summary of the invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 17]
4. Oath or Declaration [Total Pages 2]
- a. ☐ Newly executed (original or copy)
- b. ☒ Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 16 completed)
- c. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

5. ☐ Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (identical to computer copy)
- c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☐ 37 C.F.R. § 3.73(b) Statement [] Power of Attorney
(when there is an assignee)
9. ☐ English Translation Document (if applicable)
10. ☐ Information Disclosure [] Copies of IDS
Statement (IDS)/PTO-1 449 Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
13. ☐ * Small Entity [] Statement filed in prior application,
Statement(s) Status still proper and desired
(PTO/SB/09-12)
14. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
15. ☒ Other: Letter containing the Certificate of Mailing
and Copy of the Specifications, drawings, &
Oath for Serial number 09/056,363.

*NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY
FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT
IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment.

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP)
Prior application information: Examiner T. Larson Group / Art Unit: 1635
of prior application No: 09 / 056,363

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Labelor ☒ Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name

NASA Johnson Space Center

Attn: Mail Code HA/James M. Cate

Address

2101 NASA Road One

City

Houston

State

TX

Zip Code

77058

Country

USA

Telephone

281-483-1001

Fax

281-244-8452

Name (Print/Type)

James M. Cate

Registration No. (Attorney/Agent)

25,181

Signature

James M. Cate

Date

March 26, 2000

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents; Box Patent Application, Washington, DC 20231.
(This Form Electronically Generated (9/98))

NASA CASE NO. MSC-22859-2-CU

Patent Application

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Daniel S. Goldin) Group Art
First Named Inventor: Thomas J. Goodwin) Unit:
Serial No.:)
Filed : March 21, 2000)
For: Production of Functional Proteins: Balance of)
Shear Stress and Gravity)

jc690 U.S. PTO
09/532001
03/21/00

Letter

Commissioner of Patents
and Trademarks
Washington, D.C. 20231

Sir:

The enclosed application is being filed in accordance with Rules 1.10 and 1.53(b) in order to obtain a filing date of March 21, 2000. The application is being sent by Express Mail "Post Office to Addressee" under Certificate EF775095805US.

A petition for a one-month extension of time for response to the Office Action of November 26, 1999, in parent case SN 09/056,363 with authorization to charge Deposit Account No. 14-0116, was filed with applicant's filing of a Continued Prosecution Application. Accordingly, it is not believed that an additional extension of time is necessary in the present divisional application. However, in the event that an extension of time is required, it is requested that all additional fees entailed in such an extension also be charged to Deposit Account No. 14-0116.

Respectfully submitted,

James M. Cate

James M. Cate, Reg. No. 25,181
Attorney for Applicant

Houston, Texas 77058
Telephone: 281-483-1001 or 281-483-4871
Datafax: 281-244-8452

I hereby certify that the attached application "Production of Functional Proteins: Balance of Shear Stress and Gravity," is being deposited with the United States Postal Service on March 21, 2000, as Express Mail "Post Office to Addressee" under Certificate No. EF775095805US in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

James M. Cate
James M. Cate



National
Aeronautics and
Space
Administration

**Request for Filing a Continuation, Divisional
or Continuation-in-Part Application Under 37 CFR 1.53(b)**

NASA Docket No. MSC-22859-2-CU

Class _____ Subclass _____

Prior Application:

Examiner T. Larson Art Unit 1635

2/a
H.gj
6/17/00

THE COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, DC 20231

Sir:

This is a request for filing a ☐ continuation, ☒ divisional application under 37 CFR 1.53(b) of prior application, Serial No. 09/056,363, filed on (Date) 4/7/98,

for (Title of invention) Production of Functional Proteins: Balance of Shear Stress and Gravity
by the following named inventor(s):

FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	Goodwin	Thomas	John
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	Friendswood	Texas	U.S.A.
POST OFFICE ADDRESS	STREET NUMBER AND NAME	CITY	STATE AND ZIP CODE/COUNTRY
	1404 Beechwood	Friendswood	Texas 77546 U. S. A.
FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	Hammond	Timothy	Grant
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	New Orleans	Louisiana	U. S. A.
POST OFFICE ADDRESS	STREET NUMBER AND NAME	CITY	STATE AND ZIP CODE/COUNTRY
	1418 Bordeaux St.	New Orleans	Louisiana 70115 U. S. A.
FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	Kaysen	James	Howard
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	New Orleans	Louisiana	U. S. A.
POST OFFICE ADDRESS	STREET NUMBER AND NAME	CITY	STATE AND ZIP CODE/COUNTRY
	93 Versailles Blvd.	New Orleans	Louisiana 70125 U. S. A.

- ☒ 1. Enclosed is a copy of the prior application, including the specifications, claims, drawings and declaration as originally filed. I hereby certify that the attached papers are a true copy of prior application, Serial No. 09/056,363, as originally filed on 4/7/98,

and further that this statement was made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

- ☒ 2. Cancel in this application original claims 13-26 of the prior application before calculating the filing fee. (At least one original independent claim must be retained for filing purposes.)

- ☐ 3. A preliminary amendment is enclosed. (Claims added by this amendment have been property numbered consecutively beginning with the number next following the highest numbered original claim in prior application.)

The filing fee is calculated on the basis of claims existing in the prior application as amended at 2, above.

FOR (1)	CLAIMS NUMBER		RATE (4)	CALCULATIONS (5)
	PAID FOR (2)	EXTRA (3)		
TOTAL CLAIMS 12	- 20	= 0	X \$18	= 0
INDEPENDENT CLAIMS 1	- 3	= 0	X \$78	= 0
MULTIPLE DEPENDENT CLAIMS (if applicable) -----				= 0
BASIC FEE -----				+ \$690.00
TOTAL				= \$690.00

- ☒ 4. The Commissioner is hereby authorized to charge any fees which may be required to effect only the filing of this application under 37 CFR 1. 16 or credit any overpayment to Deposit Account No. 14-0116

- ☒ 5. Amend the specification by inserting before the first line the following sentence:

"This application is a ☒ division, ☐ continuation of application Serial No. 09/056,363, filed 4/7/98,"

- ☐ 6. New formal drawings are enclosed.

- ☒ 7. The prior application is assigned of record to:

Government of the United States of America as represented by the Administrator, National Aeronautics & Space Administration

- ☒ 8. The Power of Attorney in the prior application is to (Name and registration number):

Hardie R. Barr, Reg. #31,480

Gary G. Borda, Reg. #35,455

Edward K. Fein, Reg. #24,559

Harry Lupuloff, Reg. #31,117

James M. Cate, Reg. #25,181

Alan J. Kennedy, Reg. #28,625

- ☐ 9. A Power of Attorney is enclosed.

- ☒ 10. Also enclosed: Extra copy of this form; Letter (1 pg) containing the Express Mailing Certificate & USPTO Form PTO/SB05

Address all future communications to (Name, address and telephone number):

James M. Cate, Office of Patent Counsel, Code HA, NASA Road One, Houston, TX 77058-3696

Telephone: 281-483-1001

Fax 281-244-8452

March 21, 2000
(Date)

James M. Cate, Reg. #25,181

(Signature - Attorney of Record) (Registration Number)

Address of Signator:

NASA Johnson Space Center, 2101 NASA Road One

Houston, TX 77058-3696

Filed under Rule 37 CFR § 1.34(a)